

This listing of claims will replace all prior versions, and listings, of claims in the application:

## II. Listing of Claims

Claim 1 (Currently Amended): A computer system configured to communicate with a plurality of users through a network interface, wherein at least one of the plurality of users communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

a job repository electrically connected to the service broker, the job repository comprising a computer memory encoded with a plurality of objects including at least one job, the at least one job having at least one set of job properties, wherein said set of job properties includes a set of input data;

a job server electrically connected to the service broker, the job server configured to execute said at least one job and to produce an output report of the job, wherein the job server is configured to process the set of input data; and

~~[[an]]~~ a job event server electrically connected to the service broker, the job event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

Claim 2 (Canceled):

Claim 3 (Currently Amended): A computer system according to claim 1, ~~[[wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job,]]~~ wherein said at least one set of job properties define a list of users to be notified when a corresponding job is executed; and wherein the job server is configured to process said job properties and provide a notification to each user in the list of users when the job is executed.

Claim 4 (Currently Amended): A computer system according to claim 1, ~~[[wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job,]]~~ wherein said at least one set of job properties define an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to compare the exception condition to the output report to determine the existence of an exception event, and to provide a notification to each user in the list of users subscribing to the exception condition when the exception event occurs.

Claims 5-16 (Canceled):

Claim 17 (Currently Amended): A computer system according to claim 1, wherein said at least one job is a secure **Structured Query Report (SQR)** job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

Claim 18 (Currently Amended): A computer system electrically connected to at least one back-end database, the computer system configured to communicate with at least one user through a network interface, wherein said at least one user communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

a **job** repository electrically connected to the service broker, the **job** repository comprising a computer memory encoded with a plurality of objects including at least one job including instructions to retrieve and process data from said at least one back-end database, **the at least one job having at least one set of job properties, wherein said set of job properties includes a set of input data;**

a job server electrically connected to the service broker and to said at least one back-end database, the job server configured to execute said at least one job; **wherein the job server is configured to process the set of input data**; and

~~[[an]]~~ **a job** event server electrically connected to the service broker, the **job** event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

Claim 19 (Canceled):

Claim 20 (Currently Amended): A computer system according to claim 18, ~~[[wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job,]]~~ wherein said job properties define a list of users to be notified when the job is executed; and wherein the job server is configured to process said job properties and provide a notification to each user in the list of users when the job is executed.

Claim 21 (Currently Amended): A computer system according to claim 18, ~~[[wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job,]]~~ wherein said job properties define an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to compare the exception condition to the output report to determine the existence of an exception event, and to provide a notification to each user in the list of users subscribing to the exception condition when the exception event occurs.

Claim 22 (Currently Amended): A computer system according to claim 18, wherein said at least one job is a secure **Structured Query Report (SQR)** job, and wherein the job server is configured to process a secure SQR job so as to generate a secure burst output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

Claim 23 (Currently Amended): A computer system configured to communicate with at least one user through a network interface, wherein said at least one user communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by ~~[[a]]~~ said at least one user;

a job repository electrically connected to the service broker, the job repository comprising a computer memory encoded with a plurality of objects including at least one job and wherein the computer memory of the job repository is further encoded with job properties corresponding to said at least one job, the job properties including a set of input data, the job properties defining an exception condition and a list of users subscribing to the exception condition;

a job server electrically connected to the service broker, the job server configured to execute said at least one job so as to produce an output report, wherein the job server is configured to process the set of input data, and wherein the job server is further configured to compare said exception condition to the output report to determine the existence of an event, and to provide a notification to each user in the list of users subscribing to the exception when the exception event occurs, the job server also configured to transmit the output report to the network interface for transmission to said at least one user.

Claim 24 (Currently Amended): A computer system according to claim 23, wherein the job properties further define an input form to be provided to a corresponding job server when the job is executed; and wherein the job server is configured to provide a corresponding input form to said at least one user~~[[; the job server also configured to process the input received from said at least one user with said at least one job]]~~.

Claim 25 (Currently Amended): A computer system according to claim 24, wherein said at least one job is a secure Structured Query Report (SQR) job, and wherein the job server is configured to process a secure SQR job so as to generate a secure burst output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a

plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

Claim 26 (Currently Amended): A computer system configured to communicate with at least one user through a network interface, wherein each of said at least one users communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

an authentication server electrically connected to the service broker, the authentication server configured to determine a level of access to be granted **[[a]] to said at least one** user based upon data stored therein;

a **job** repository electrically connected to the service broker, the **job** repository comprising a computer memory encoded with a plurality of objects including at least one job, at least one output report corresponding to said at least one job, and at least one portal page corresponding to said at least one user, wherein said at least one portal page includes a dynamically updated portal object corresponding to an output report, **wherein the at least one job has at least one set of job properties, wherein said set of job properties includes a set of input data;**

a job server electrically connected to the service broker, the job server configured to execute said at least one job and to produce an output report corresponding to said at least one job, **wherein the job server is configured to process the set of input data;** and

**[[an]] a job** event server electrically connected to the service broker, the **job** event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

Claim 27 (Canceled)

Claim 28 (Currently Amended): A computer system according to claim 26, ~~[[wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job,]]~~ wherein said at least one set of job properties includes a list of users to be notified when the corresponding job is executed; and wherein the job server is configured to process said at least one set of job properties and provide a notification to each user in the list of users when the corresponding job is executed.

Claim 29 (Previously Presented): A computer system according to claim 28, wherein the notification is provided through e-mail.

Claim 30 (Previously Presented): A computer system according to claim 28, wherein the notification is provided by updating a dynamically updated portal object in a user's portal page.

Claim 31 (Currently Amended): A computer system according to claim 26, ~~[[wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job,]]~~ wherein said at least one set of job properties include an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to i) compare an exception condition to an output report to determine the existence of an exception event, and ii) provide a notification to each user in the list of users subscribing to the exception condition when a corresponding exception event occurs.

Claim 32 (Previously Presented): A computer system according to claim 31, wherein the notification is provided through e-mail.

Claim 33 (Previously Presented): A computer system according to claim 31, wherein the notification is provided by updating an exceptions dashboard in a user's portal page.

Claim 34 (Currently Amended): A computer system according to claim 26, wherein said at least one job is a secure **Structured Query Report (SQR)** job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of the containers corresponding to one of said plurality of HTML

pages, and wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

Claim 35 (Previously Presented): A computer system according to claim 34, wherein said at least one portal page further includes a portal object containing a link to the secure bursted output report.

Claim 36 (Currently Amended): A method of processing a job in a computer system comprised of ~~[[a service broker,]]~~ a job server configured to execute a job and to process a set of input data corresponding to the job, a job repository including computer memory encoded with a plurality of objects including at least one job and at least one set of job properties corresponding to said at least one job, wherein said set of job properties includes a set of input data to be provided to a job server when a corresponding job is executed, and wherein the computer system is configured for communication with at least one user through a network interface, the method comprising:

receiving a request to execute a job from a user connected to the computer system through a computer network;

retrieving the requested job and a corresponding set of input data from the job repository;

dispatching the requested job and the corresponding set of input data for processing on a corresponding job server;

processing the requested job with the corresponding set of input data in the job server so as to produce an output report; and

transmitting the output report to the user through the network interface.

Claim 37 (Previously Presented): A method according to claim 36, wherein said at least one set of job properties further includes a list of users to be notified when a corresponding job has been executed, the method further comprising:

processing said at least one set of job properties and providing a notification to each user in the list of users when a corresponding job is executed.

Claim 38 (Previously Presented): A method according to claim 36, wherein said at least one set of job properties further includes an exception condition and a list of users subscribing to the exception condition, the method further comprising:

comparing the output report to a corresponding exception condition to determine the existence of an exception event;

providing a notification to each user in the corresponding list of users when the exception event occurs.

Claim 39 (Currently Amended): A method according to claim 36, wherein said at least one job is a secure **Structured Query Report** (SQR job), the method further comprising:

receiving a set of user identification data from the user;

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

- i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the user to view that page; and
- ii) placing a view flag in the container if the user has permission to view the corresponding HTML page;



for each container in the secure bursted output report that contains a view flag,  
retrieving a corresponding HTML page;

assembling the retrieved HTML page(s) into an user-specific output report; and

transmitting the user-specific output report to the corresponding user.

Claim 40 (Previously Presented): A method according to claim 36, wherein the job server is connected to at least one back-end database, the method further comprising:

retrieving a set of data corresponding to the requested job from a back-end  
database; and

processing the requested job in the job server with the set of data retrieved from  
the back-end database and the corresponding set of input data so as to produce an output report.

Claim 41 (Previously Presented): A method according to claim 40, wherein said at least one set of job properties further includes a list of users to be notified when a corresponding job has been executed, the method further comprising:

processing said at least one set of job properties and providing a notification to  
each user in the list of users when a corresponding job is executed.

Claim 42 (Previously Presented): A method according to claim 40, wherein said at least one set of job properties further includes an exception condition and a list of users subscribing to the exception condition, the method further comprising:

comparing the output report to a corresponding exception condition to determine  
the existence of an exception event;

providing a notification to each user in the corresponding list of users when the  
exception event occurs.

Claim 43 (Currently Amended): A method according to claim 40, wherein said at least one job is a secure **Structured Query Report** (SQR) job, the method further comprising:

receiving a set of user identification data from the user;

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the user to view that page; and

ii) placing a view flag in the container if the user has permission to view the corresponding HTML page;

for each container in the secure bursted output report that contains a view flag, retrieving a corresponding HTML page;

assembling the retrieved HTML page(s) into an user-specific output report; and

transmitting the user-specific output report to the corresponding user.